APPENDIX A – CHECKLISTS

Pumping Station Checklist

Station Name _____

Station Type _____

Location _____

Job Number _____

Engineer _____

_____ Flow Determination

_____ O & M Cost Projections

_____ Design Elevations

_____ Head Calculations

_____ Head & Performance Curves

_____ Operating Conditions

_____ Force Main Diameter Verifications (Economy)

_____ Project Map (Location)

_____ Site Plan

_____ X-Section & Detail Sheet

_____ Specifications

_____ Hydraulic Gradient – Include in Submittal to Urban County Government

Head Curves
Design Form

Sheet _____

Project _____ Date _____

Station _____ Job No. _____

By _____

Design Capacity _____

Design Static _____

Force Main Length _____

Force Main Size (Ø) _____

"C" Factor for Design _____

System Head Curve – Design - : Ø = _____ c = _____

Rate	H Factor	Length/100	c =	Hf	Design Static	TDH

System Head Curve – Minimum Head, Maximum Discharge – Ø = _____ c = _____

Rate	H Factor	Length/100	c =	Hf	Minimum Static	TDH

Installation Type (check one)

SIMPLEX DUPLEX TRIPLEX

Station Type (check one)

SUBMERSIBLE SUCTION LIFT

HORIZONTAL DRY PIT VERTICAL DRY PIT

OTHER (Describe) _____

Operating Conditions

Item	Location
Design Capacity	_____ GPM
Design TDH:	_____ Ft.
Design Static Head:	_____ Ft.
Force Main Length	_____ Ft.
Force Main Size	_____ In. o
Design “C” Factor:	_____
Min. Static Head:	_____ Ft.
Min. TDH (C = 160):	_____ Ft.
Max. Capacity @ Min. TDH:	_____ GPM

Pump

Design Efficiency	_____ %
Min. Solid Diameter	_____ In. o
Suction Size (Min.)	_____ In. o
Discharge Size (Min.)	_____ In. o

PUMP STATION TELEMETRY SYSTEM
FCC License Information

Physical Location of Station (verbal description)

Longitude: _____
Latitude: _____
Ground Elevation: _____

Street Address of Station (if applicable)

Additional Information